

# TAMPS 6.2 IPT

DATE:

28 July 1998

PRESENTER:  
Dober

LCDR Dave

# Product Description/Mission

**Mission:** Provide connectivity for single workstation mission planning.

**Objective:** Provide seamless connectivity to MIDB 2.0/JSIPS-N and JMCIS 3.0 via MPLAN. Correct HMI/Planning Accuracy/Mission Data Loading/Broken Functionality STRs.

**Program Cost:**

**RDT&E**

**PROC**

**Other**

**Stage:** S/W Integration &  
Testing

**Total**

\$7,571,432

**Last Review:** SITRR (5/15/98)

**Next Review:** OTRR (8/11/98)

# Summary Product Assessment

## IPT Comments & Issues:

1. CVW-8/TR support
2. MP LAN all-up testing
3. MIDB 2.0 segments
4. OT funding
5. Critical developers not available
6. STC3 Elan name on non-IT21 ships

## Assessments

	May	June	July	August
Technical Performance	OK	OK	OK	OK
Cost				
Schedule	↓			
Software	OK	OK		
Funding	↓			
Test & Evaluation	↓	↓	OK	
Production	N/A	N/A	N/A	N/A
Logistics & Readiness Obj.				
Contract Status	N/A	N/A	N/A	N/A
Mgmt & Global Issues	↓			
Documentation Status	OK	OK	OK	OK

# Product Baseline Performance

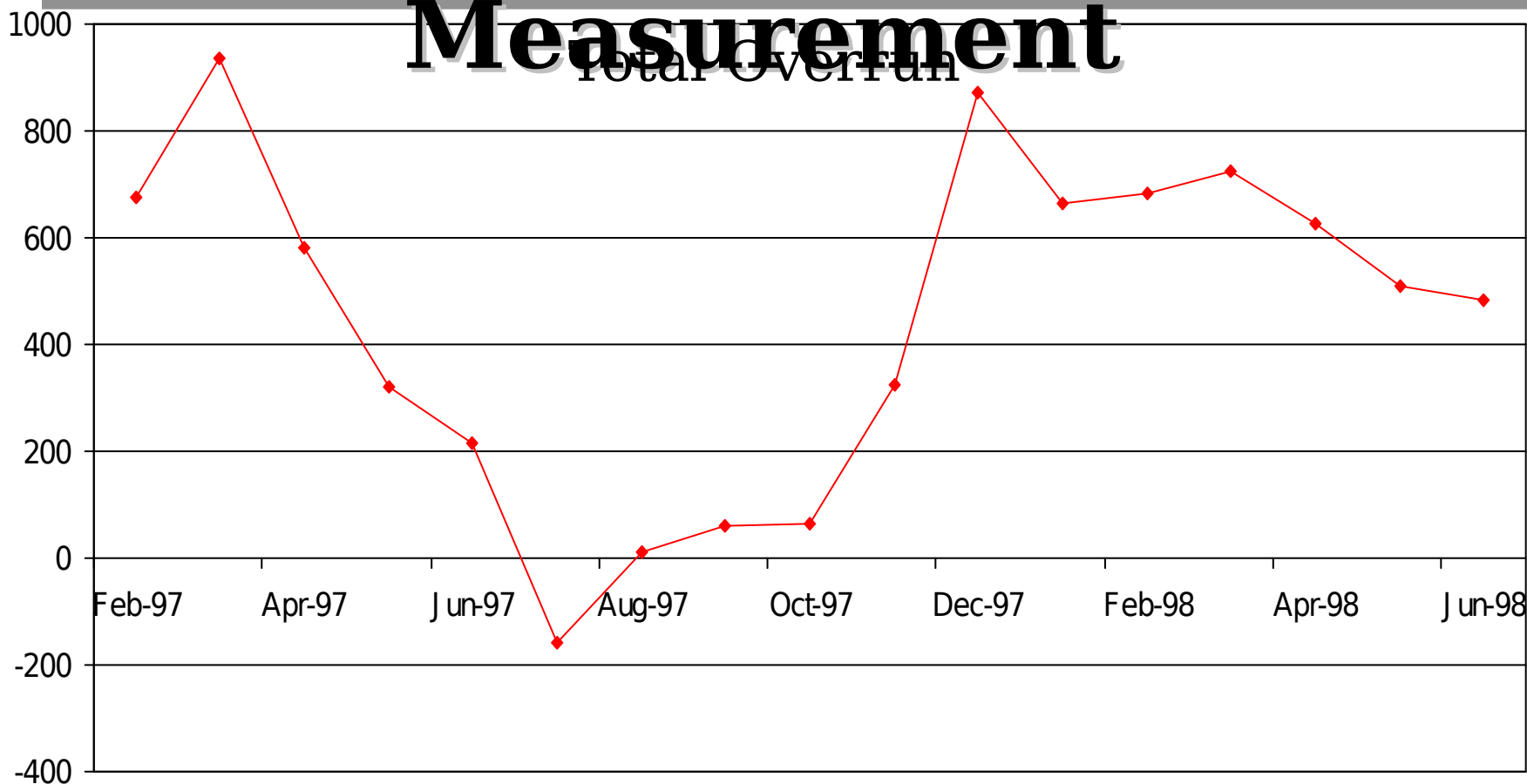
Data as of 23 June

<b>Performance Parameters/ <u>Characteristics</u></b>	<b><u>Baseline</u> <u>Objective</u></b>	<b><u>Baseline</u> <u>Threshold</u></b>	<b><u>Current</u> <u>Estimate</u></b>
Avg time to plan mission min	< 45 min	< 2 hrs	1hr 1
Download time to DTD			
Mission data	< 1 min	< 6 min	
1 min			
Other data	< 5 min	< 10 min	4 min
MTBOMF	> 72 hrs	> 30 hrs	
73 hrs			

# Product Schedule

Task Name	96		1997				1998			
	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
CDR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>10/8</div>									
Build 3 BRR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>12/1</div>									
Build 4 BRR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>2/9</div>									
System Integration	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>									
SITRR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>5/14</div>									
Regression Testing	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>									
MPMRR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>7/30</div>									
Pre-OTRR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>8/3</div>									
OTRR	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>8/11</div>									
Fleet Release	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>12/15</div>									

# Cost Performance Measurement



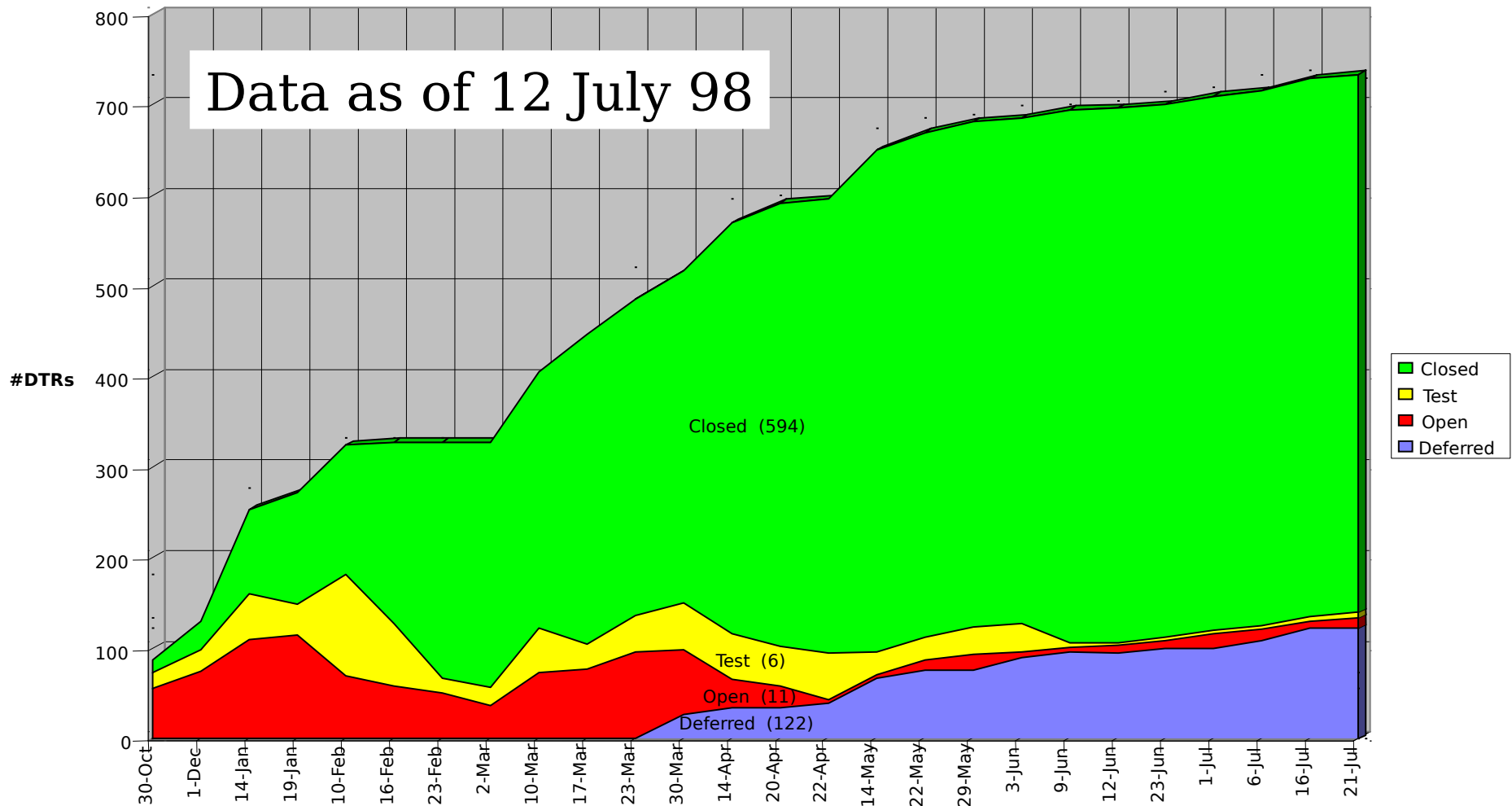
VAC improved 25K in June  
Maximum allowable VAC is \$645K

# Cost Performance Measurement

Month	ACWP	BCWS	BCWP	EAC	BAC	CPI	% Com	% Spent	CV	TCPI	VAC
SRR 2	\$1,321k	\$1,321k	\$1,264k	\$7,086k	\$6,780k	96%	19%	19%	(\$57k)	101%	(\$306k)
Feb	\$1,715k	\$1,711k	\$1,560k	\$7,454k	\$6,780k	91%	23%	25%	(\$155k)	103%	(\$674k)
Mar	\$2,124k	\$2,126k	\$1,869k	\$7,781k	\$6,846k	88%	27%	31%	(\$255k)	105%	(\$936k)
Apr	\$2,461k	\$2,478k	\$2,273k	\$7,581k	\$7,001k	92%	32%	35%	(\$188k)	104%	(\$580k)
May	\$2,784k	\$3,035k	\$2,662k	\$7,322k	\$7,001k	96%	38%	40%	(\$122k)	103%	(\$321k)
Jun	\$3,114k	\$3,525k	\$3,024k	\$7,477k	\$7,261k	97%	42%	43%	(\$91k)	102%	(\$216k)
Jul	\$3,520k	\$4,037k	\$3,600k	\$7,101k	\$7,261k	102%	50%	48%	+\$79k	98%	+\$160k
Aug	\$4,109k	\$4,594k	\$4,103k	\$7,271k	\$7,261k	100%	57%	57%	(\$6k)	100%	(\$10k)
Sep	\$4,600k	\$5,090k	\$4,561k	\$7,322k	\$7,261k	99%	63%	63%	(\$39k)	101%	(\$62k)
Oct	\$5,124k	\$5,565k	\$5,080k	\$7,324k	\$7,261k	99%	70%	71%	(\$44k)	102%	(\$63k)
Nov	\$5,650k	\$5,959k	\$5,410k	\$7,583k	\$7,261k	96%	75%	78%	(\$240k)	115%	(\$323k)
Dec	\$6,165k	\$6,255k	\$5,504k	\$8,132k	\$7,261k	89%	76%	85%	(\$661k)	160%	(\$871k)
Jan	\$6,512k	\$6,527k	\$5,964k	\$7,927k	\$7,261k	92%	82%	90%	(\$547k)	173%	(\$666k)
Feb	\$6,931k	\$6,743k	\$6,335k	\$7,944k	\$7,261k	91%	87%	95%	(\$596k)	281%	(\$683k)
Mar	\$7,280k	\$6,902k	\$6,620k	\$7,985k	\$7,261k	91%	91%	100%	(\$660k)	N/A%	(\$724k)
Apr	\$7,460k	\$7,018k	\$6,868k	\$7,887k	\$7,261k	92%	95%	103%	(\$593k)	197%	(\$626k)
May	\$7,581k	\$7,127k	\$7,085k	\$7,768k	\$7,261	93%	98%	104%	(\$495k)	N/A	(\$508k)
Jun	\$7,686k	\$7,261k	\$7,206k	\$7,744k	\$7,261	94%	99%	106%	(\$470k)	N/A	(\$483k)

# Development Progress Indicators

Data as of 12 July 98





# Development Progress Indicators

## DTRs of Interest

1051

SLAM tagsets not saving in some accounts on cli

1056

Unable to export SLAM missions to a client

New

ADA compiler problem in F/A-18 MPM

# Development Progress Indicators

## Pull of products from server

Data Type	Version/Area	Time	Comments
CADRG	Korea ONC&TPC	3.5 min	
CADRG	CONUS ONC&TPC	5 min	
DTED	Korea	6 min	
CIB	Cherry Pt, 5m	4 min	All 5 images
JTIM	desert_pan8.ntf	1.5 min	42MB image
NITF	airfield.ntf	0	Did not work

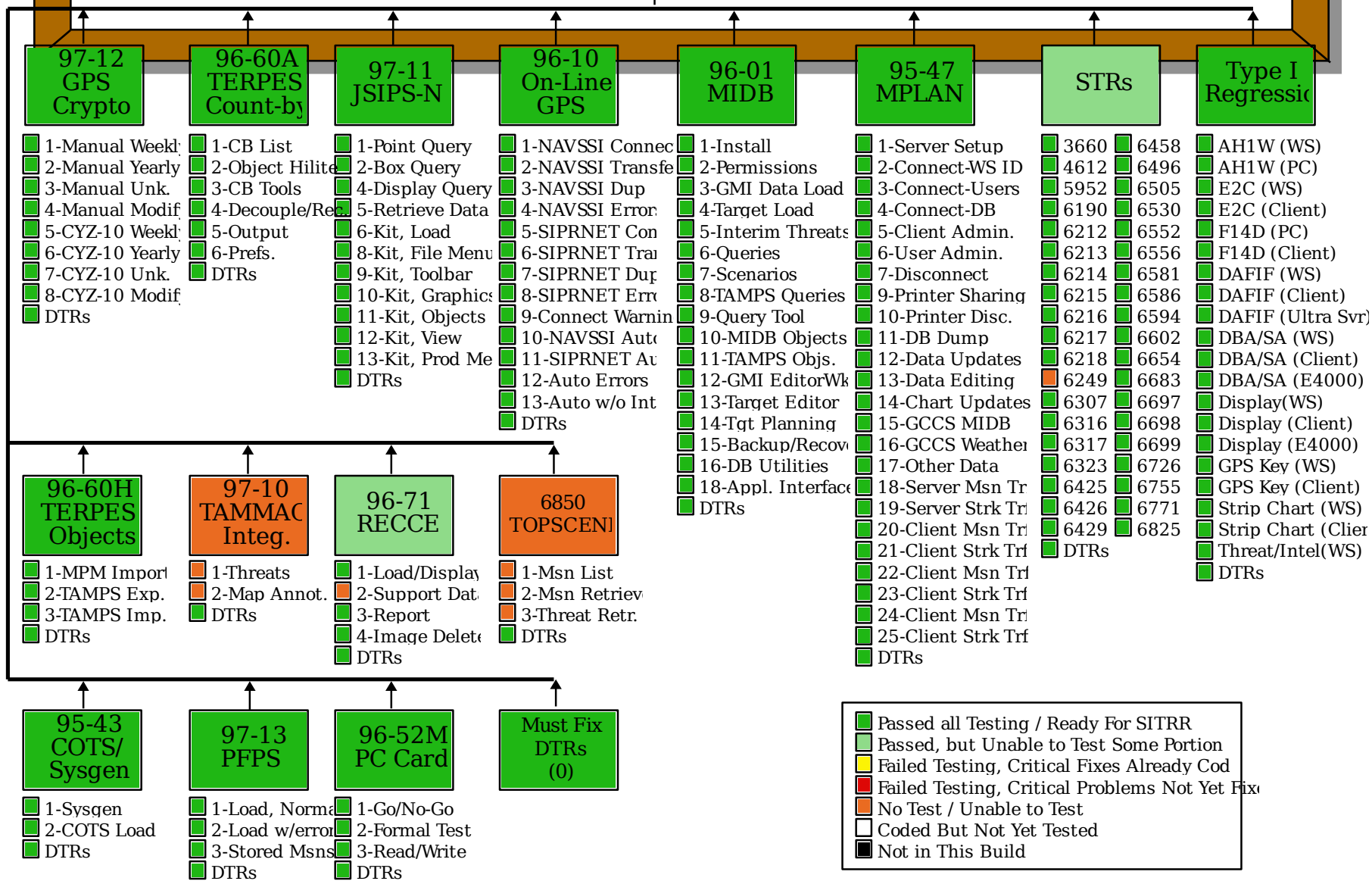
## Database Updates from Server

Data Type	Version/Area	Time	Comments
GMI	WW3	5min	+53min to restore
NID	9711	15sec	+4.5min to restore
DAFIF/GPS	9806	15sec	+6.5min to restore

## Data Loads

Data Type	Version/Area	Time	Comments
Almanac	Wk 187	1min	CD
DAFIF	9806	25min	CD
MIDB	WW3	5hrs	8mm baseload
MIDB	WW3	1.5hrs	8mm dump tape
NID	9711	20min	8mm tape
DTED	Korea	2min	CD
CADRG	Korea ONC/TPC	3min	CD
CADRG	CONUS ONC/TPC	4min	CD
CIB	CherryPt 5m	5min	CD

# OTRR Statu



# Issue/Recommendation/Resolution

- Issue: CVW-8/TR support plan currently unexecutable
- Rec: Deliver MPMRR build at Fallon  
Install 6.2 post-TCD  
CVW-8 train post-Fallon
- Res: Complete - CVW-8/TR deployment has been delayed to mid-Sept
- Issue: Agreement on OT funding
- Rec: Meet with OPTEVFOR COS ASAP
- Res: Complete

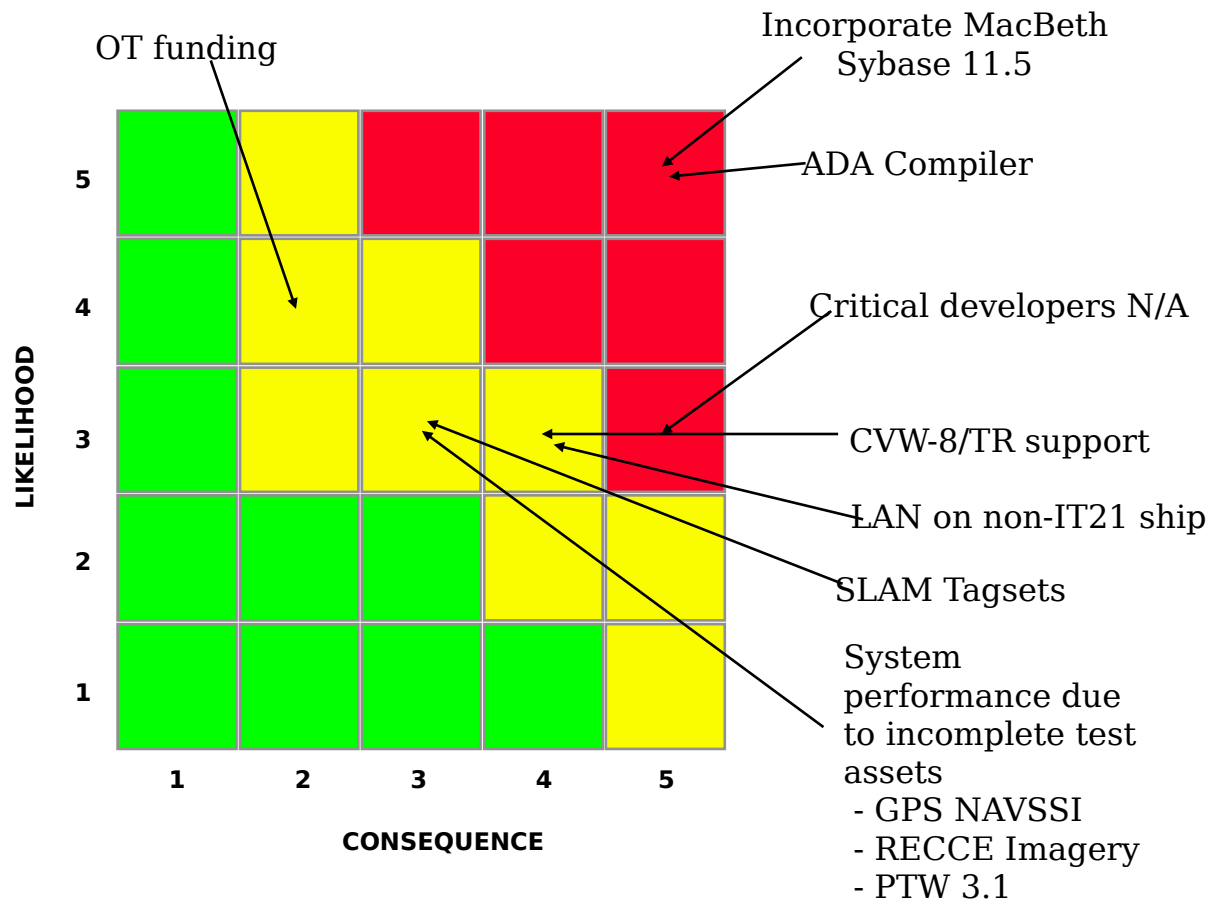
# **Issue/Recommendation/Resolution**

- Issue: GCCS-M MIDB 2.0 segments
  - Rec: Stay in synch with GCCS-M
  - Res: Complete
- 
- Issue: MP LAN not tested in target environment
  - Rec: Need all-up testing in Fallon
  - Res: Complete - basic interfaces worked
- Problem - F/A-18 missions imported from TSCM can't be opened

# **Issue/Recommendation/Resolution**

- Issue: Critical LMTO/TRW developers not available to correct any Pri 1 or 2 DTRs
  - Rec: Contact LMTO/TRW for assistance, if required
  - Res: Pending
- 
- Issue: SYSGEN hard coded for IT-21 ELAN names
  - Rec: Get CV/CVN/TYCOM agreement to use STC3
  - Res: Pending

# Risk



# Risk Mitigation

- ADA Compiler Issue
  - Structure problems within F/A-18 MPM
  - Update ADA compiler
  - Code around problem
- Critical Developers N/A
  - Contact TRW or Lockheed for req'd assistance
- SLAM Tagsets
  - Incorporate “flush routine” in baseline MPM



# Risk Mitigation

- Incomplete Test for GPS (NAVSSI), F/A-18 RECCE, JSIPS-N
  - Formats for almanac the same.  
Anonymous FTP transfer on LAN.
  - Code to ICD.
  - Test with SPA Thinline
- CVW-8/TR Support
  - Support in mid-Sept

# Risk Mitigation

- LAN on non-IT-21 Ships
  - Work with IT-21/TYCOMs for use of STC-3
- OT Funding
  - Working to get 150K in place.  
Incrementally funded.
- Incorporate MacBeth/Sybase 11.5
  - Stay in synch with GCCS-M
  - Sybase backward compatible

# Summary

- Effort remains behind schedule and over budget
  - 7 weeks and 6%
- CVW-8/TR support remains high visibility
- LAN on non-IT21 ships requires coordination
  - Agree to use STC3 or change all machines
  - 7 weeks to code fix
- ADA compiler problem is a showstopper